

**Notice of Allowability**

Application No.

09/850,176

Examiner

Asad M. Nawaz

Applicant(s)

PUTHIYANDYIL ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 1/28/05.
2. ☒ The allowed claim(s) is/are 1-13, 25, 26, 36 and 37.
3. ☒ The drawings filed on 28 January 2005 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_



**HOSAIN ALAM**  
**SUPERVISORY PATENT EXAMINER**

### **DETAILED ACTION**

1. Claims 1-13 were allowed, claims 25-26 and 36-37 are allowed, and claims 14-24, 27-35, and 38-42 have been canceled without prejudice.
2. The drawings filed on January 28<sup>th</sup>, 2005 have been accepted.

### **REASONS FOR ALLOWANCE**

3. The following is an examiner's statement of reasons for allowance:

The invention as recited in the independent claims 25 and 36 are directed to a method and system for providing a predetermined service on a portion of a point-to-point communication link comprising the reception of a request from a remote client device on a first network device over a first communication link corresponding to establishment of a point-to-point communication link between the remote client device and a second network device. The request is then forwarded from the remote client device to the second network device from the first network device over a second communication link. The first network device then transmits a service capability parameter, indicative of the first client device's capability of supporting the predetermined service, from the first network device to the second network device. The remote client device and the second network device negotiate the point-to-point communication link. The second network device sends a negotiated service parameter, associated with the point-to-point communication link, to the first network device. A point-to-point communication link, including the first communication link, is established between the remote

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client device and the second network device. And finally, the predetermined service is provided between the remote client device and the first network device on the first communication link. The claim limitation of particular interest is "receiving compressed packets on the first network device from the remote client device over the first communication link....decompressing the packets...and transmitting the decompressed packets..." Compression/decompression and encryption/decryption, like many services, would undoubtedly add a heavy computational load on the tunnel endpoints thereby rejecting a high number of user requests. The invention in view of the aforementioned limitation overcomes the data throughput limitations posed by the prior art. More specifically, the claim is allowable over the prior art of record because the prior art does not teach the negotiated/predetermined service being provided over the first communication link.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Asad M. Nawaz whose telephone number is (571) 272-3988. The examiner can normally be reached on M-F 8-4:30.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain Alam can be reached on (571) 272-3978. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



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